

CLASSIFICATION: ENVIRONMENTALIST I

Class Code: 4094-16

Date Established: 07-10-74

Occupational Code: 7-6-2

Date of Last Revision: 10-20-15

Exempt Status: Non-Exempt

BASIC PURPOSE: To collect data for use in standardized technical evaluations in one or more of the following areas: air quality, noise abatement, water quality, wildlife, forestry, wetlands, biology, or ecology.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES:

- Conducts inspections and surveys to determine the existence of environmental hazards or violation; assists in planning and implementing environmental studies to monitor impact of proposed projects.
- Conducts field work on rare, threatened and endangered plant or animal species and maintains a database of these occurrences for environmental review purposes.
- Collects samples and assists in the investigation of activities which may contaminate groundwater and surface water resources.
- Conducts field studies of air quality, uses computer models and programs to monitor and analyze raw data to project future air quality levels.
- Conducts water quality studies, including surface and groundwater, public and private drinking water sources and biological, chemical or other environmental conditions.
- Makes recommendations in reference to specific projects, such as evaluating wetlands violations to determine extent of damage and feasibility of restoration.
- Evaluates potential damage from proposed highway improvements to food supplies, land habitat, and water supply of wildlife.
- Analyzes the social, community, and historic environment of the area and the short and long-term benefits or damages resulting from proposed projects.
- Analyzes effects of deforestation and the resultant loss of woodlands and cover for animals or fish, as well as the general loss to society.

DISTINGUISHING FACTORS:

Skill: Requires skill in applying instructions to accomplish different job functions OR in operating machines for a variety of different purposes.

Knowledge: Requires logical or scientific understanding to analyze problems of a specialized or professional nature in a particular field.

Impact: Requires responsibility for contributing to immediate, ongoing agency objectives by facilitating the direct provision of services to the public or other state agencies. Errors at this level result in inaccurate reports or invalid test results and require significant investment of time and resources to detect.

Supervision: Requires partial supervision of other employees doing work which is related or similar to the supervisor, including assigning job duties, providing training, giving instructions and checking work.

Working Conditions: Requires performing regular job functions in an environment which includes exposure to continuous physical elements or a number of disagreeable working conditions with frequent exposure to minor injuries or health hazards.

Physical Demands: Requires light work, including continuous walking or operating simple equipment for extended periods of time as well as occasional strenuous activities such as reaching or bending.

Communication: Requires summarizing data, preparing reports and making recommendations based on findings which contribute to solving problems and achieving work objectives. This level also requires presenting information for use by administrative-level managers in making decisions.

Complexity: Requires a combination of job functions to establish facts, to draw daily operational conclusions, or to solve practical problems. This level also requires providing a variety of alternative solutions where only limited standardization exists.

Independent Action: Requires a range of choice in applying a number of technical or administrative policies under general direction and in making routine decisions or in recommending modifications in work procedures for approval by supervisor.

MINIMUM QUALIFICATIONS:

Education: Bachelor's degree from a recognized college or university with a major study in a related environmental science. Each additional year of approved formal education may be substituted for one year of required work experience.

Experience: One year of experiences as an Environmentalist or in a field related to the occupational area in which the vacancy exists, such as air analysis, noise or water quality control, engineering, environmental law, wildlife, forestry, soils, hydrology, geology, botany or biology.

License/Certification: Eligibility for N.H. driver's license or operational license for pesticides applicator if necessary for performing professional field work.

RECOMMENDED WORK TRAITS: Considerable knowledge of the principles and practices of environmental science. Knowledge of local, state and federal laws and regulations in the environmental field. General knowledge of the application of the chemical, biological and physical sciences as related to environmental protection. Working knowledge of current techniques of sampling and analysis. Ability to use judgment in applying technical policies and procedures. Ability to interpret maps, data, and engineering plans. Ability to express ideas clearly and concisely in oral, written and graphic form. Ability to establish and maintain effective working relationships with associates, environmental groups and the general public. Must be willing to maintain appearance appropriate to assigned duties and responsibilities as determined by the agency appointing authority.

DISCLAIMER STATEMENT: This class specification is descriptive of general duties and is not intended to list every specific function of this class title.

SPECIAL REQUIREMENTS FOR ENVIRONMENTALIST I - IV

1. All job specific education, experience, and licensing requirements must be stated on the supplemental job description and approved by the Division of Personnel prior to recruitment. For recruitment purposes, a related environmental science DEGREE shall be limited to one or more of the following:

agricultural science	environ sampling & analysis	plant physiology
archeology	environmental science	plant science
architectural history	environmental studies	public health
architecture & environmental design	environmental toxicology	radiological health
atmospheric science	estuarine biology	radiological science
biochemistry	forest resources	resource conservation
biogeography	forestry	resource economics
biology	geochemistry	resource management
biotechnology	geography	riverine biology
botany	geology	sanitary engineering
chemical engineering	geophysical science	science education
chemistry	health physics	soil science
civil engineering	hydraulic engineering	toxicology
coastal biology	hydrogeology	waste management
community	hydrology	wastewater management
development/planning		
computer science	Industrial hygiene	water resources engineering
earth science	laboratory science	water resources management
ecology	limnology (inland freshwaters)	wetlands biology
environmental affairs	marine biology	wetlands ecology
environmental conservation	mathematics	wetlands science
environmental engineering	mechanical engineering	wildlife management
environmental health	meteorology	zoology
environmental issues	microbiology	
environmental laws	natural resources	
environmental planning	oceanography	
	physics	

ENVIRONMENTALIST I

Page 4

2. When required by the supplemental job description, the incumbent must satisfactorily complete a baseline medical examination and the personal protection training required by the National Institute of Occupational Safety and Health or other federal and state agencies.